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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/664,164                      Docket No. : 13335/26001  
Patent No. : 7,120,396 B2  
Inventor : Martin WILSON  
Filed : September 17, 2003                      Customer No. : 23838  
Issued : October 10, 2006

For : RADIO TRANSMITTER ARCHITECTURE COMPRISING A PLL AND A  
DELTA SIGMA MODULATOR

Attn: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate**  
JAN 19 2007  
**of Correction**

**REQUEST FOR CERTIFICATE OF CORRECTION UNDER**  
**37 C.F.R. §1.322 AND §1.323**

Sir:

Applicants hereby request that the enclosed Certificate of Correction be issued for the above-referenced patent. The error at column 12, line 12 was caused by a typographical error in the Preliminary Amendment submitted September 17, 2003 and the Amendment Under 37 C.F.R. §1.312 submitted May 17, 2006. As evidenced by the originally-filed application at page 20, line 29, the change to claim 6 was unintentional. The typographical mistake occurred in good faith, and correction of the error would not constitute new matter and would not require reexamination of the patent. The Director is authorized to charge the fee required by 37 C.F.R. §1.20(a) to the deposit account of Kenyon & Kenyon LLP, Deposit Account No. 11-0600.

The errors related to the "Foreign Application Priority Data" and "Prior Publication Data" sections resulted from errors which occurred during printing of the patent. Although subsequent Data Sheets are unclear or silent as to foreign priority, the Filing Receipt mailed

01/18/2007 AWONDAF1 00000035 110600 7120396

01 FC:1811 100.00 DA

DC01 642715 v1

JAN 19 2007

December 11, 2003, the Updated Filing Receipt mailed June 30, 2004, and the Bibliographic Data Sheet posted to PAIR on May 4, 2006, copies of which are attached, indicate that the Office has previously received proper indication of the foreign priority claim.

As evidenced by the specification as originally filed and as published at WO 01/22674 A1, the other corrections listed on the Certificate resulted from errors which occurred during printing of the patent and were not the fault of Applicant.

The Director is authorized to charge any required fee or credit any overpayment to the deposit account of Kenyon & Kenyon LLP, Deposit Account No. 11-0600.

Attachments:


Copy of Filing Receipt, sent December 11, 2003

Copy of Updated Filing Receipt, sent June 30, 2004

Copy of Bibliographic Data Sheets, entered in PAIR on May 4, 2006 (showing 35 U.S.C. §119(a)-(d) conditions met), July 24, 2006 (showing §119 claim made but indicating conditions not met without explanation) and August 15, 2006 (silent as to foreign priority).

Respectfully submitted,

Date: January 16, 2007

  
\_\_\_\_\_  
Aaron S Kamlay  
Reg. No. 58,813

KENYON & KENYON LLP  
1500 K Street, NW  
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## UNITED STATES PATENT AND TRADEMARK OFFICE

### CERTIFICATE OF CORRECTION

PATENT NO : 7,120,396 B2

Page 1 of 1

APPLICATION NO. : 10/664,164

ISSUE DATE : October 10, 2006

INVENTOR(S) : Martin WILSON

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

After the section "Related U.S. Application Data" and before the section "Intl. Cl." , insert:

**- Foreign Application Priority Data**

September 22, 1999 (GB).....9922469.3

September 21, 2000 (WO).....PCT/GB00/03619 -

In the section "Prior Publication Data", after the last line, insert:

- WO 01/22675 A1 March 29, 2001 -

Col. 2, line 31, after "the transmit signal which," change "tun" to -turn- .

Col. 7, line 38, change "therebetween in" to -therebetween. In-.

Col. 8, line 67, change "The charge pump S" to -The charge pump 5-.

Col. 12, line 12, after "arranged to," change "stun" to -sum-.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Aaron S Kamlay  
KENYON & KENYON LLP  
1500 K St. Suite 700  
Washington DC 20005

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JAN 19 2007



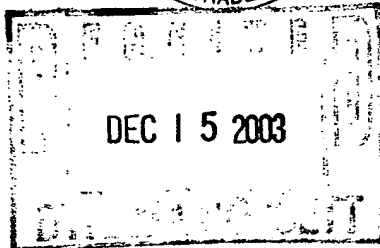
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/664,164	09/17/2003	2817	0.00	066455-230 - 2	6	18	3

DYKEMA GOSSETT PLLC  
 Third Floor West  
 1300 I Street, N.W.  
 Washington, DC 20005



CONFIRMATION NO. 4164

## FILING RECEIPT



\*OC000000011471821\*

Date Mailed: 12/11/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Martin Wilson, Residence Not Provided;

## Domestic Priority data as claimed by applicant

This application is a CON of 10/088,670  
 which is a 371 of PCT/GB00/03619 09/21/2000

## Foreign Applications

UNITED KINGDOM 9922469.3 09/22/1999

If Required, Foreign Filing License Granted: 12/11/2003

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

## Title

Radio transmitter architecture comprising a PLL and a delta-sigma modulator

## Preliminary Class



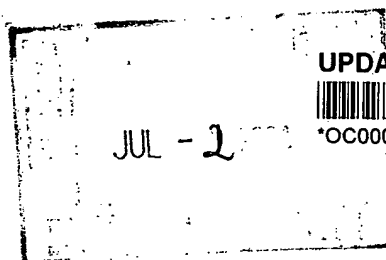
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/664,164	09/17/2003	2817	900	66455-230	6	18	3

DYKEMA GOSSETT PLLC  
Third Floor West  
1300 I Street, N.W.  
Washington, DC 20005



CONFIRMATION NO. 4164

UPDATED FILING RECEIPT



\*OC000000013115542\*

Date Mailed: 06/30/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Martin Wilson, Highfields, UNITED KINGDOM;

**Domestic Priority data as claimed by applicant**

This application is a CON of 10/088,670 ABN  
which is a 371 of PCT/GB00/03619 09/21/2000

**Foreign Applications**

UNITED KINGDOM 9922469.3 09/22/1999

If Required, Foreign Filing License Granted: 12/11/2003

Projected Publication Date: 10/07/2004

Non-Publication Request: No

Early Publication Request: No

**Title**

Radio transmitter architecture comprising a PLL and a delta-sigma modulator

**Preliminary Class**

DUE \_\_\_\_\_  
EOL \_\_\_\_\_  
ENTERED BY ASB ON 7/7/04

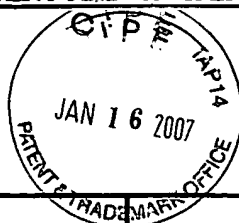


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Bib Data Sheet



CONFIRMATION NO. 4164

SERIAL NUMBER 10/664,164	FILING DATE 09/17/2003  RULE	CLASS 455	GROUP ART UNIT 2618	ATTORNEY DOCKET NO. 66455-230
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## APPLICANTS

Martin Wilson, Highfields, UNITED KINGDOM;

COPY

## \*\* CONTINUING DATA \*\*\*\*\*

This application is a CON of 10/088,670 ABN  
 which is a 371 of PCT/GB00/03619 09/21/2000

L.L. yes

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

UNITED KINGDOM 9922469.3 09/22/1999

L.L. yes

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 12/11/2003

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature: <u>(Signature)</u> Initials: _____	STATE OR COUNTRY UNITED KINGDOM	SHEETS DRAWING 6	TOTAL CLAIMS 18	INDEPENDENT CLAIMS 3
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## ADDRESS

DYKEMA GOSSETT PLLC  
 Third Floor West  
 1300 I Street, N.W.  
 Washington, DC  
 20005

## TITLE

Radio transmitter architecture comprising a PLL and a delta-sigma modulator

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**\*BIBDATASHEET\***

CONFIRMATION NO. 4164

Bib Data Sheet

<b>SERIAL NUMBER</b> 10/664,164	<b>FILING OR 371(c) DATE</b> 09/17/2003 <b>RULE</b>	<b>CLASS</b> 455	<b>GROUP ART UNIT</b> 2618	<b>ATTORNEY DOCKET NO.</b> 66455-230
<b>APPLICANTS</b> Martin Wilson, Highfields, UNITED KINGDOM;				
<b>** CONTINUING DATA *****</b> This application is a CON of 10/088,670 ABN				
<b>** FOREIGN APPLICATIONS *****</b>				
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> ** 12/11/2003				
Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged Examiner's Signature _____ Initials _____		<b>STATE OR COUNTRY</b> UNITED KINGDOM	<b>SHEETS DRAWING</b> 6	<b>TOTAL CLAIMS</b> 18
<b>INDEPENDENT CLAIMS</b> 3				
<b>ADDRESS</b> DYKEMA GOSSETT PLLC Third Floor West 1300 I Street, N.W. Washington, DC20005				
<b>TITLE</b> RADIO TRANSMITTER ARCHITECTURE COMPRISING A PLL AND A DELTA-SIGMA MODULATOR				
<b>FILING FEE RECEIVED</b> 900	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	



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## \*BIBDATASHEET\*

CONFIRMATION NO. 4164

Bib Data Sheet

<b>SERIAL NUMBER</b> 10/664,164	<b>FILING OR 371(c) DATE</b> 09/17/2003 <b>RULE</b>	<b>CLASS</b> 455	<b>GROUP ART UNIT</b> 2618	<b>ATTORNEY DOCKET NO.</b> 66455-230
<b>APPLICANTS</b> Martin Wilson, Highfields, UNITED KINGDOM;				
<b>** CONTINUING DATA *****</b> This application is a CON of 10/088,670 ABN				
<b>** FOREIGN APPLICATIONS *****</b>				
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 12/11/2003</b>				
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged		<b>STATE OR COUNTRY</b> UNITED KINGDOM	<b>SHEETS DRAWING</b> 6	<b>TOTAL CLAIMS</b> 18
			<b>INDEPENDENT CLAIMS</b> 3	
<b>ADDRESS</b> 23838				
<b>TITLE</b> RADIO TRANSMITTER ARCHITECTURE COMPRISING A PLL AND A DELTA-SIGMA MODULATOR				
<b>FILING FEE RECEIVED</b> 1200	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	